

STATE OF CALIFORNIA  
ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT  
SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986

CHEMICALS KNOWN TO THE STATE TO CAUSE CANCER OR REPRODUCTIVE TOXICITY  
DECEMBER 24, 1999

The Safe Drinking Water and Toxic Enforcement Act of 1986 requires that the Governor revise and republish at least once per year the list of chemicals known to the State to cause cancer or reproductive toxicity. The identification number indicated in the following list is the Chemical Abstracts Service (CAS) Registry Number. No CAS number is given when several substances are presented as a single listing. The date refers to the initial appearance of the chemical on the list. For easy reference, chemicals which are shown underlined are newly added. Chemicals which are shown with a strikeout are chemicals recommended for removal from the list by the "state's qualified experts."

CHEMICALS KNOWN TO THE STATE TO CAUSE CANCER  
**Sorted by date listed**

| <u>Chemical</u>                                   | <u>CAS Number</u> | <u>Date</u>              |
|---|-------------------|--------------------------|
| <u>Palygorskite fibers (&gt; 5µm in length)</u>   | <u>12174117</u>   | <u>December 28, 1999</u> |
| 1-Chloro-4-nitrobenzene                           | 100005            | October 29, 1999         |
| Bis(2-chloro-1-methylethyl)ether, technical grade | ---               | October 29, 1999         |
| Estragole   | 140670            | October 29, 1999         |
| Oxythioquinox                                     | 2439012           | August 20, 1999          |
| Primidone   | 125337            | August 20, 1999          |
| Thiodicarb  | 59669260          | August 20, 1999          |
| Vinclozolin                                       | 50471448          | August 20, 1999          |
| 2-Aminofluorene                                   | 153786            | January 29, 1999         |
| 4-Amino-2-nitrophenol                             | 119346            | January 29, 1999         |
| Cidofovir   | 113852372         | January 29, 1999         |
| Metham sodium                                     | 137428            | November 6, 1998         |
| 3,3'-Dichlorobenzidine dihydrochloride            | 612839            | May 15, 1998             |
| Aniline hydrochloride                             | 142041            | May 15, 1998             |
| C.I. Solvent Yellow 14                            | 842079            | May 15, 1998             |
| Cytembena   | 21739913          | May 15, 1998             |
| Methyl carbamate                                  | 598550            | May 15, 1998             |
| Nalidixic acid                                    | 389082            | May 15, 1998             |
| o-Nitrotoluene                                    | 88722             | May 15, 1998             |
| o-Phenylenediamine and its salts                  | 95545             | May 15, 1998             |
| p-Chloroaniline hydrochloride                     | 20265967          | May 15, 1998             |
| p-Chloro-o-toluidine, strong acid salts of        | ---               | May 15, 1998             |
| Phenolphthalein                                   | 77098             | May 15, 1998             |
| Salicylazosulfapyridine                           | 599791            | May 15, 1998             |
| 2,4,5-Trimethylaniline and its strong acid salts  | ---               | October 24, 1997         |
| 5-Chloro-o-toluidine and its strong acid salts    | ---               | October 24, 1997         |
| Quinoline and its strong acid salts               | ---               | October 24, 1997         |
| 1-Amino-2,4-dibromoanthraquinone                  | 81492             | August 26, 1997          |
| 3,7-Dinitrofluoranthene                           | 105735715         | August 26, 1997          |
| 3,9-Dinitrofluoranthene                           | 22506532          | August 26, 1997          |
| C.I. Direct Blue 15                               | 2429745           | August 26, 1997          |
| C.I. Direct Blue 218                              | 28407376          | August 26, 1997          |
| Estropipate                                       | 7280377           | August 26, 1997          |
| Ganciclovir sodium                                | 82410320          | August 26, 1997          |
| Nitrobenzene                                      | 98953             | August 26, 1997          |

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| Nitromethane   | 75525     | May 1, 1997       |
| Spironolactone   | 52017     | May 1, 1997       |
| Stanozolol   | 10418038  | May 1, 1997       |
| Tetrafluoroethylene                                    | 116143    | May 1, 1997       |
| Vinyl fluoride   | 75025     | May 1, 1997       |
| Chlorotrianisene                                       | 569573    | September 1, 1996 |
| Clofibrate   | 637070    | September 1, 1996 |
| Tamoxifen and its salts                                | 10540291  | September 1, 1996 |
| 2,2-Bis(bromomethyl)-1,3-propanediol                   | 3296900   | May 1, 1996       |
| 4-Vinylcyclohexene                                     | 100403    | May 1, 1996       |
| Cacodylic acid   | 75605     | May 1, 1996       |
| Carbazole  | 86748     | May 1, 1996       |
| Dichloroacetic acid                                    | 79436     | May 1, 1996       |
| Dinitrotoluene mixture, 2,4-/2,6-                      | ---       | May 1, 1996       |
| Di-n-propyl isocinchomeronate (MGK Repellent 326)      | 136458    | May 1, 1996       |
| Iprodione  | 36734197  | May 1, 1996       |
| Isobutyl nitrite                                       | 542563    | May 1, 1996       |
| Isoprene   | 78795     | May 1, 1996       |
| Methylmercury compounds                                | ---       | May 1, 1996       |
| Pronamide  | 23950585  | May 1, 1996       |
| Trimethyl phosphate                                    | 512561    | May 1, 1996       |
| 2,6-Dinitrotoluene                                     | 606202    | July 1, 1995      |
| Fusarin C  | 79748815  | July 1, 1995      |
| 2,3-Dibromo-1-propanol                                 | 96139     | October 1, 1994   |
| Caffeic acid   | 331395    | October 1, 1994   |
| MelQ(2-Amino-3,4-dimethylimidazo[4,5-f]quinoline)      | 77094112  | October 1, 1994   |
| MelQx(2-Amino-3,8-dimethylimidazo[4,5-f]quinoxaline)   | 77500040  | October 1, 1994   |
| Oxazepam   | 604751    | October 1, 1994   |
| p-Chloroaniline  | 106478    | October 1, 1994   |
| PhiP(2-Amino-1-methyl-6-phenylimidazol[4,5-b]pyridine) | 105650235 | October 1, 1994   |
| Procymidone  | 32809168  | October 1, 1994   |
| Propargite   | 2312358   | October 1, 1994   |
| Terrazole  | 2593159   | October 1, 1994   |
| Furan  | 110009    | October 1, 1993   |
| Diisopropyl sulfate                                    | 2973106   | April 1, 1993     |
| 1,2,3-Trichloropropane                                 | 96184     | October 1, 1992   |
| Benzidine-based dyes                                   | ---       | October 1, 1992   |
| Lead and lead compounds                                | ---       | October 1, 1992   |
| o-Nitroanisole   | 91236     | October 1, 1992   |
| Polychlorinated dibenzofurans                          | ---       | October 1, 1992   |
| Polychlorinated dibenzo-p-dioxins                      | ---       | October 1, 1992   |
| C.I. Acid Red 114                                      | 6459945   | July 1, 1992      |
| Cobalt [II] oxide                                      | 1307966   | July 1, 1992      |
| Cobalt metal powder                                    | 7440484   | July 1, 1992      |
| Methylhydrazine and its salts                          | ---       | July 1, 1992      |
| Phenylhydrazine and its salts                          | ---       | July 1, 1992      |
| Triphenyltin hydroxide                                 | 76879     | July 1, 1992      |
| 3,3'-Dimethylbenzidine dihydrochloride                 | 612828    | April 1, 1992     |
| Tris(2-chloroethyl) phosphate                          | 115968    | April 1, 1992     |
| Azacitidine  | 320672    | January 1, 1992   |
| Chlorozotocin  | 54749905  | January 1, 1992   |
| Ciclosporin (Cyclosporin A; Cyclosporine)              | 59865133  | January 1, 1992   |
|  | 79217600  |                   |
| Dantron (Chrysazin; 1,8-Dihydroxyanthraquinone)        | 117102    | January 1, 1992   |

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|---|-------------------|----------------------------|
| Trichlormethine (Trimustine hydrochloride)                                  | 817094            | January 1, 1992            |
| Oxadiazon   | 19666309          | July 1, 1991               |
| Bromoform   | 75252             | April 1, 1991              |
| 2,6- Xylidine (2,6-Dimethylaniline)   | 87627             | January 1, 1991            |
| 1,6-Dinitropyrene   | 42397648          | October 1, 1990            |
| 1,8-Dinitropyrene   | 42397659          | October 1, 1990            |
| 1-Nitropyrene   | 5522430           | October 1, 1990            |
| 2,4-Diaminoanisole  | 615054            | October 1, 1990            |
| 2-Nitrofluorene   | 607578            | October 1, 1990            |
| 3,3'-Dimethoxybenzidine dihydrochloride (ortho-Dianisidine dihydrochloride) | 20325400          | October 1, 1990            |
| 4-Nitropyrene   | 57835924          | October 1, 1990            |
| 6-Nitrochrysene   | 7496028           | October 1, 1990            |
| Antimony oxide (Antimony trioxide)  | 1309644           | October 1, 1990            |
| Benzofuran  | 271896            | October 1, 1990            |
| D&C Red No. 8   | 2092560           | October 1, 1990            |
| Diesel engine exhaust   | ---               | October 1, 1990            |
| Disperse Blue 1   | 2475458           | October 1, 1990            |
| Gasoline engine exhaust (condensates/extracts)                              | ---               | October 1, 1990            |
| Phenyl glycidyl ether   | 122601            | October 1, 1990            |
| Residual (heavy) fuel oils  | ---               | October 1, 1990            |
| Vinyl trichloride (1,1,2-Trichloroethane)                                   | 79005             | October 1, 1990            |
| 1,1,2,2-Tetrachloroethane   | 79345             | July 1, 1990               |
| 4-Vinyl-1-cyclohexene diepoxide (Vinyl cyclohexenedioxide)                  | 106876            | July 1, 1990               |
| Ceramic fibers (airborne particles of respirable size)                      | ---               | July 1, 1990               |
| Chloroethane (Ethyl chloride)   | 75003             | July 1, 1990               |
| D&C Orange No. 17   | 3468631           | July 1, 1990               |
| D&C Red No. 19  | 81889             | July 1, 1990               |
| D&C Red No. 9   | 5160021           | July 1, 1990               |
| Glasswool fibers (airborne particles of respirable size)                    | ---               | July 1, 1990               |
| Glycidol  | 556525            | July 1, 1990               |
| Hexachloroethane  | 67721             | July 1, 1990               |
| N-Methylolacrylamide  | 924425            | July 1, 1990               |
| Ochratoxin A  | 303479            | July 1, 1990               |
| Tetranitromethane   | 509148            | July 1, 1990               |
| 3-(N-Nitrosomethylamino)propionitrile                                       | 60153493          | April 1, 1990              |
| 4-(N-Nitrosomethylamino)-1-(3-pyridyl)1-butanone                            | 64091914          | April 1, 1990              |
| IQ (2-Amino-3-methylimidazo[4,5-f]quinoline)                                | 76180966          | April 1, 1990              |
| Shale-oils  | 68308349          | April 1, 1990              |
| Talc containing asbestiform fibers  | ---               | April 1, 1990              |
| 1,1-Dichloroethane  | 75343             | January 1, 1990            |
| 1,2-Dichloropropane   | 78875             | January 1, 1990            |
| 1,4-Dichloro-2-butene   | 764410            | January 1, 1990            |
| 3-Methylcholanthrene  | 56495             | January 1, 1990            |
| 7,12-Dimethylbenz(a)anthracene  | 57976             | January 1, 1990            |
| A-alpha-C (2-Amino-9H-pyrido[2,3-b]indole)                                  | 26148685          | January 1, 1990            |
| Acetamide   | 60355             | January 1, 1990            |
| Acifluorfen   | 62476599          | January 1, 1990            |
| Acrylamide  | 79061             | January 1, 1990            |
| Allyl chloride <a href="#">Delisted October 29, 1999</a>                    | <del>107051</del> | <del>January 1, 1990</del> |
| Aniline   | 62533             | January 1, 1990            |
| Azobenzene  | 103333            | January 1, 1990            |
| Benzyl chloride   | 100447            | January 1, 1990            |
| Betel quid with tobacco   | ---               | January 1, 1990            |
| Bitumens, extracts of steam-refined and air refined                         | ---               | January 1, 1990            |

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|---|---------------------|----------------------------|
| Bracken fern  | ---                 | January 1, 1990            |
| Bromodichloromethane  | 75274               | January 1, 1990            |
| Butylated hydroxyanisole  | 25013165            | January 1, 1990            |
| Captan  | 133062              | January 1, 1990            |
| Carbon-black extracts   | ---                 | January 1, 1990            |
| <del>Chlorodibromomethane</del> <a href="#">Delisted October 29, 1999</a> | <del>124481</del>   | <del>January 1, 1990</del> |
| Chrysene  | 218019              | January 1, 1990            |
| Daminozide  | 1596845             | January 1, 1990            |
| Diaminotoluene (mixed)  | ---                 | January 1, 1990            |
| Dienestrol  | 84173               | January 1, 1990            |
| Ethyl-4,4'-dichlorobenzilate  | 510156              | January 1, 1990            |
| Furazolidone  | 67458               | January 1, 1990            |
| Furmecyclox   | 60568050            | January 1, 1990            |
| Glu-P-1 (2-Amino-6-methyldipyrido[1,2- a:3',2'-d]imidazole)               | 67730114            | January 1, 1990            |
| Glu-P-2 (2-Aminodipyrido[1,2-a:3',2'-d]imidazole)                         | 67730103            | January 1, 1990            |
| Griseofulvin  | 126078              | January 1, 1990            |
| Mancozeb  | 8018017             | January 1, 1990            |
| Maneb   | 12427382            | January 1, 1990            |
| Me-A-alpha-C (2-Amino-3-methyl-9H-pyrido[2,3-b]indole)                    | 68006837            | January 1, 1990            |
| Medroxyprogesterone acetate   | 71589               | January 1, 1990            |
| Metiram   | 9006422             | January 1, 1990            |
| Nitrofurazone   | 59870               | January 1, 1990            |
| o-Phenylphenate, sodium   | 132274              | January 1, 1990            |
| p-a,a,a-Tetrachlorotoluene  | 5216251             | January 1, 1990            |
| p-Aminoazobenzene   | 60093               | January 1, 1990            |
| <del>para-Toluidine</del> <a href="#">Delisted October 29, 1999</a>       | <del>106490</del>   | <del>January 1, 1990</del> |
| p-Chloro-o-toluidine  | 95692               | January 1, 1990            |
| Pentachlorophenol   | 87865               | January 1, 1990            |
| Phenobarbital   | 50066               | January 1, 1990            |
| Potassium bromate   | 7758012             | January 1, 1990            |
| <del>Zineb</del> <a href="#">Delisted October 29, 1999</a>                | <del>12122677</del> | <del>January 1, 1990</del> |
| 1,1-Dimethylhydrazine (UDMH)  | 57147               | October 1, 1989            |
| 1-Amino-2-methylantraquinone  | 82280               | October 1, 1989            |
| 1-Naphthylamine   | 134327              | October 1, 1989            |
| 2-Aminoanthraquinone  | 117793              | October 1, 1989            |
| 4,4'-Methylene bis(N,N-dimethyl)benzenamine                               | 101611              | October 1, 1989            |
| 5-Nitro-o-anisidine   | 99592               | October 1, 1989            |
| Actinomycin D   | 50760               | October 1, 1989            |
| Chloramphenicol   | 56757               | October 1, 1989            |
| Citrus Red No. 2  | 6358538             | October 1, 1989            |
| Isosafrole  | 120581              | October 1, 1989            |
| Lead subacetate   | 1335326             | October 1, 1989            |
| Lindane and other hexachlorocyclohexane isomers                           | ---                 | October 1, 1989            |
| Methylthiouracil  | 56042               | October 1, 1989            |
| N,N'-Diacetylbenzidine  | 613354              | October 1, 1989            |
| Nickel and certain nickel compounds                                       | ---                 | October 1, 1989            |
| N-Nitrosomethylethylamine   | 10595956            | October 1, 1989            |
| Norethisterone (Norethindrone)  | 68224               | October 1, 1989            |
| Oral contraceptives, combined   | ---                 | October 1, 1989            |
| Oral contraceptives, sequential   | ---                 | October 1, 1989            |
| Phenacetin  | 62442               | October 1, 1989            |
| Polychlorinated biphenyls   | ---                 | October 1, 1989            |
| Reserpine   | 50555               | October 1, 1989            |
| Saccharin   | 81072               | October 1, 1989            |

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| Selenium sulfide   | 7446346   | October 1, 1989 |
| Toluene diisocyanate   | 26471625  | October 1, 1989 |
| Tris(aziridinyl)-para-benzoquinone (Triaziquone)   | 68768     | October 1, 1989 |
| Trypan blue (commercial grade)   | 72571     | October 1, 1989 |
| 3-Amino-9-ethylcarbazole hydrochloride   | 6109973   | July 1, 1989    |
| 3-Chloro-2-methylpropene   | 563473    | July 1, 1989    |
| C.I. Basic Red 9 monohydrochloride   | 569619    | July 1, 1989    |
| Chlorendic acid  | 115286    | July 1, 1989    |
| Chlorinated paraffins (Average chain length, C12; approximately 60 percent chlorine by weight) | 108171262 | July 1, 1989    |
| Cinnamyl anthranilate  | 87296     | July 1, 1989    |
| Diglycidyl resorcinol ether (DGRE)   | 101906    | July 1, 1989    |
| Dimethylvinylchloride  | 513371    | July 1, 1989    |
| Ethyl acrylate   | 140885    | July 1, 1989    |
| HC Blue 1  | 2784943   | July 1, 1989    |
| Phenesterin  | 3546109   | July 1, 1989    |
| Radionuclides  | ---       | July 1, 1989    |
| Nitrilotriacetic acid, trisodium salt monohydrate  | 18662538  | April 1, 1989   |
| 1,3-Dichloropropene  | 542756    | January 1, 1989 |
| Acetochlor   | 34256821  | January 1, 1989 |
| Alachlor   | 15972608  | January 1, 1989 |
| Chlordimeform  | 6164983   | January 1, 1989 |
| Chlorothalonil   | 1897456   | January 1, 1989 |
| DDD (Dichlorodiphenyldichloroethane)   | 72548     | January 1, 1989 |
| DDE (Dichlorodiphenyldichloroethylene)   | 72559     | January 1, 1989 |
| DDVP (Dichlorvos)  | 62737     | January 1, 1989 |
| Folpet   | 133073    | January 1, 1989 |
| Lactofen   | 77501634  | January 1, 1989 |
| p-Dichlorobenzene  | 106467    | January 1, 1989 |
| 1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1- nitrosoarea (Methyl-CCNU)                          | 13909096  | October 1, 1988 |
| 5-Methoxypsoralen with ultraviolet A therapy   | 484208    | October 1, 1988 |
| Captafol   | 2425061   | October 1, 1988 |
| Cisplatin  | 15663271  | October 1, 1988 |
| Creosotes  | ---       | October 1, 1988 |
| Direct Brown 95 (technical grade)  | 16071866  | October 1, 1988 |
| Erionite   | 12510428  | October 1, 1988 |
| Propylene oxide  | 75569     | October 1, 1988 |
| Silica, crystalline (airborne particles of respirable size)                                    | ---       | October 1, 1988 |
| Styrene oxide  | 96093     | October 1, 1988 |
| Vinyl bromide  | 593602    | October 1, 1988 |
| 2,4-Dinitrotoluene   | 121142    | July 1, 1988    |
| Alcoholic beverages, when associated with alcohol abuse  | ---       | July 1, 1988    |
| Aldrin   | 309002    | July 1, 1988    |
| Chlordane  | 57749     | July 1, 1988    |
| Dieldrin   | 60571     | July 1, 1988    |
| Heptachlor   | 76448     | July 1, 1988    |
| Heptachlor epoxide   | 1024573   | July 1, 1988    |
| 1,3-Butadiene  | 106990    | April 1, 1988   |
| 1-[(5-Nitrofurfurylidene)-amino]-2-imidazolidinone   | 555840    | April 1, 1988   |
| 2-Methyl-1-nitroanthraquinone (of uncertain purity)  | 129157    | April 1, 1988   |
| 4,4'-Methylene bis(2-methylaniline)  | 838880    | April 1, 1988   |
| 4,4'-Thiodianiline   | 139651    | April 1, 1988   |
| 4-Nitrobiphenyl  | 92933     | April 1, 1988   |
| 5-(Morpholinomethyl)-3-[(5-nitro-furfurylidene)-amino]-2-oxazolidinone                         | 139913    | April 1, 1988   |

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|---|----------|-----------------|
| 5-Methylchrysene  | 3697243  | April 1, 1988   |
| 5-Nitroacenaphthene   | 602879   | April 1, 1988   |
| Acetaldehyde  | 75070    | April 1, 1988   |
| Bis(2-chloroethyl)ether   | 111444   | April 1, 1988   |
| Dichloromethane (Methylene chloride)                            | 75092    | April 1, 1988   |
| Hexachlorodibenzodioxin   | 34465468 | April 1, 1988   |
| Lasiocarpine  | 303344   | April 1, 1988   |
| Lead phosphate  | 7446277  | April 1, 1988   |
| Merphalan   | 531760   | April 1, 1988   |
| Mestranol   | 72333    | April 1, 1988   |
| Methyl iodide   | 74884    | April 1, 1988   |
| Methyl methanesulfonate   | 66273    | April 1, 1988   |
| Methylazoxymethanol   | 590965   | April 1, 1988   |
| Methylazoxymethanol acetate                                     | 592621   | April 1, 1988   |
| Mitomycin C   | 50077    | April 1, 1988   |
| Monocrotaline   | 315220   | April 1, 1988   |
| N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide                    | 531828   | April 1, 1988   |
| Nafenopin   | 3771195  | April 1, 1988   |
| Niridazole  | 61574    | April 1, 1988   |
| Nitrogen mustard hydrochloride (Mechlorethamine hydrochloride)  | 55867    | April 1, 1988   |
| Nitrogen mustard N-oxide  | 126852   | April 1, 1988   |
| Nitrogen mustard N-oxide hydrochloride                          | 302705   | April 1, 1988   |
| N-Methyl-N'-nitro-N-nitrosoguanidine                            | 70257    | April 1, 1988   |
| N-Nitrosodiphenylamine  | 86306    | April 1, 1988   |
| N-Nitroso-N-methylurethane                                      | 615532   | April 1, 1988   |
| Oil Orange SS   | 2646175  | April 1, 1988   |
| Phenoxybenzamine  | 59961    | April 1, 1988   |
| Phenoxybenzamine hydrochloride                                  | 63923    | April 1, 1988   |
| Ponceau 3R  | 3564098  | April 1, 1988   |
| Ponceau MX  | 3761533  | April 1, 1988   |
| Sterigmatocystin  | 10048132 | April 1, 1988   |
| Testosterone and its esters                                     | 58220    | April 1, 1988   |
| Tetrachloroethylene (Perchloroethylene)                         | 127184   | April 1, 1988   |
| Tobacco smoke   | ---      | April 1, 1988   |
| Tobacco, oral use of smokeless products                         | ---      | April 1, 1988   |
| Trichloroethylene   | 79016    | April 1, 1988   |
| Trp-P-1 (Tryptophan-P-1)  | 62450060 | April 1, 1988   |
| Trp-P-2 (Tryptophan-P-2)  | 62450071 | April 1, 1988   |
| Unleaded gasoline (wholly vaporized)                            | ---      | April 1, 1988   |
| Uracil mustard  | 66751    | April 1, 1988   |
| 1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU) (Lomustine) | 13010474 | January 1, 1988 |
| 1,2-Diethylhydrazine  | 1615801  | January 1, 1988 |
| 1,2-Dimethylhydrazine   | 540738   | January 1, 1988 |
| 1,3-Propane sultone   | 1120714  | January 1, 1988 |
| 1,4-Dioxane   | 123911   | January 1, 1988 |
| 2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole               | 3570750  | January 1, 1988 |
| 2,3,7,8-Tetrachlorodibenzo-para-dioxin (TCDD)                   | 1746016  | January 1, 1988 |
| 2,4,6-Trichlorophenol   | 88062    | January 1, 1988 |
| 2,4-Diaminoanisole sulfate                                      | 39156417 | January 1, 1988 |
| 2,4-Diaminotoluene  | 95807    | January 1, 1988 |
| 2-Methylaziridine (Propyleneimine)                              | 75558    | January 1, 1988 |
| 2-Nitropropane  | 79469    | January 1, 1988 |
| 3,3'-Dichloro-4,4'-diaminodiphenyl ether                        | 28434868 | January 1, 1988 |
| 3,3'-Dimethoxybenzidine (ortho-Dianisidine)                     | 119904   | January 1, 1988 |

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|---|----------|-----------------|
| 3,3'-Dimethylbenzidine (ortho-Tolidine)         | 119937   | January 1, 1988 |
| 4,4'-Diaminodiphenyl ether (4,4'-Oxydianiline)  | 101804   | January 1, 1988 |
| 4,4'-Methylenedianiline                         | 101779   | January 1, 1988 |
| 4,4'-Methylenedianiline dihydrochloride         | 13552448 | January 1, 1988 |
| 4-Chloro-ortho-phenylenediamine                 | 95830    | January 1, 1988 |
| 4-Dimethylaminoazobenzene                       | 60117    | January 1, 1988 |
| 7H-Dibenzo[c,g]carbazole                        | 194592   | January 1, 1988 |
| Aflatoxins                                      | ---      | January 1, 1988 |
| beta-Propiolactone                              | 57578    | January 1, 1988 |
| Chlordecone (Kepone)                            | 143500   | January 1, 1988 |
| Cupferron                                       | 135206   | January 1, 1988 |
| Cycasin   | 14901087 | January 1, 1988 |
| Dacarbazine                                     | 4342034  | January 1, 1988 |
| Daunomycin                                      | 20830813 | January 1, 1988 |
| Di(2-ethylhexyl)phthalate                       | 117817   | January 1, 1988 |
| Dibenz[a,h]acridine                             | 226368   | January 1, 1988 |
| Dibenz[a,h]anthracene                           | 53703    | January 1, 1988 |
| Dibenz[a,j]acridine                             | 224420   | January 1, 1988 |
| Dibenzo[a,e]pyrene                              | 192654   | January 1, 1988 |
| Dibenzo[a,h]pyrene                              | 189640   | January 1, 1988 |
| Dibenzo[a,i]pyrene                              | 189559   | January 1, 1988 |
| Dibenzo[a,l]pyrene                              | 191300   | January 1, 1988 |
| Diepoxybutane                                   | 1464535  | January 1, 1988 |
| Diethyl sulfate                                 | 64675    | January 1, 1988 |
| Dihydrosafrole                                  | 94586    | January 1, 1988 |
| Dimethyl sulfate                                | 77781    | January 1, 1988 |
| Dimethylcarbamoyl chloride                      | 79447    | January 1, 1988 |
| Diphenylhydantoin (Phenytoin)                   | 57410    | January 1, 1988 |
| Diphenylhydantoin (Phenytoin), sodium salt      | 630933   | January 1, 1988 |
| Direct Black 38 (technical grade)               | 1937377  | January 1, 1988 |
| Direct Blue 6 (technical grade)                 | 2602462  | January 1, 1988 |
| Estradiol 17B                                   | 50282    | January 1, 1988 |
| Estrone   | 53167    | January 1, 1988 |
| Ethinylestradiol                                | 57636    | January 1, 1988 |
| Ethyl methanesulfonate                          | 62500    | January 1, 1988 |
| Ethylene thiourea                               | 96457    | January 1, 1988 |
| Ethyleneimine                                   | 151564   | January 1, 1988 |
| Formaldehyde (gas)                              | 50000    | January 1, 1988 |
| Glycidaldehyde                                  | 765344   | January 1, 1988 |
| Gyromitrin (Acetaldehyde methylformylhydrazone) | 16568028 | January 1, 1988 |
| Hexamethylphosphoramide                         | 680319   | January 1, 1988 |
| Hydrazine                                       | 302012   | January 1, 1988 |
| Hydrazine sulfate                               | 10034932 | January 1, 1988 |
| Hydrazobenzene (1,2-Diphenylhydrazine)          | 122667   | January 1, 1988 |
| Indeno [1,2,3-cd]pyrene                         | 193395   | January 1, 1988 |
| Iron dextran complex                            | 9004664  | January 1, 1988 |
| Lead acetate                                    | 301042   | January 1, 1988 |
| Metronidazole                                   | 443481   | January 1, 1988 |
| Michler's ketone                                | 90948    | January 1, 1988 |
| Mirex   | 2385855  | January 1, 1988 |
| Nitrilotriacetic acid                           | 139139   | January 1, 1988 |
| Nitrofen (technical grade)                      | 1836755  | January 1, 1988 |
| Nitrogen mustard (Mechlorethamine)              | 51752    | January 1, 1988 |
| N-Nitrosodiethanolamine                         | 1116547  | January 1, 1988 |

|  |          |                 |
|--|----------|-----------------|
| N-Nitrosodi-n-propylamine  | 621647   | January 1, 1988 |
| N-Nitrosomethylvinylamine  | 4549400  | January 1, 1988 |
| N-Nitrosomorpholine  | 59892    | January 1, 1988 |
| N-Nitrosonornicotine   | 16543558 | January 1, 1988 |
| N-Nitrosopiperidine  | 100754   | January 1, 1988 |
| N-Nitrososarcosine   | 13256229 | January 1, 1988 |
| ortho-Toluidine  | 95534    | January 1, 1988 |
| ortho-Toluidine hydrochloride  | 636215   | January 1, 1988 |
| Oxymetholone   | 434071   | January 1, 1988 |
| Panfuran S   | 794934   | January 1, 1988 |
| para-Cresidine   | 120718   | January 1, 1988 |
| Phenazopyridine  | 94780    | January 1, 1988 |
| Phenazopyridine hydrochloride  | 136403   | January 1, 1988 |
| p-Nitrosodiphenylamine   | 156105   | January 1, 1988 |
| Polybrominated biphenyls   | ---      | January 1, 1988 |
| Polychlorinated biphenyls (containing 60 or more percent chlorine by molecular weight) | ---      | January 1, 1988 |
| Polygeenan   | 53973981 | January 1, 1988 |
| Procarbazine   | 671169   | January 1, 1988 |
| Procarbazine hydrochloride   | 366701   | January 1, 1988 |
| Progesterone   | 57830    | January 1, 1988 |
| Propylthiouracil   | 51525    | January 1, 1988 |
| Saccharin, sodium  | 128449   | January 1, 1988 |
| Safrole  | 94597    | January 1, 1988 |
| Streptozotocin (streptozocin)  | 18883664 | January 1, 1988 |
| Sulfallate   | 95067    | January 1, 1988 |
| Thioacetamide  | 62555    | January 1, 1988 |
| Thiourea   | 62566    | January 1, 1988 |
| Toxaphene (Polychlorinated camphenes)  | 8001352  | January 1, 1988 |
| trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)vinyl]-1,3,4-oxadiazole     | 55738540 | January 1, 1988 |
| Tris(1-aziridinyl)phosphine sulfide (Thiotepa)   | 52244    | January 1, 1988 |
| Tris(2,3-dibromopropyl)phosphate   | 126727   | January 1, 1988 |
| Urethane (Ethyl carbamate)   | 51796    | January 1, 1988 |
| 3,3'-Dichlorobenzidine   | 91941    | October 1, 1987 |
| Beryllium and beryllium compounds  | ---      | October 1, 1987 |
| Cadmium and cadmium compounds  | ---      | October 1, 1987 |
| Carbon tetrachloride   | 56235    | October 1, 1987 |
| Chloroform   | 67663    | October 1, 1987 |
| DDT (Dichlorodiphenyltrichloroethane)  | 50293    | October 1, 1987 |
| Epichlorohydrin  | 106898   | October 1, 1987 |
| Ethylene dichloride (1,2-Dichloroethane)   | 107062   | October 1, 1987 |
| Hexachlorobenzene  | 118741   | October 1, 1987 |
| Hexachlorocyclohexane (technical grade)  | ---      | October 1, 1987 |
| Nickel carbonyl  | 13463393 | October 1, 1987 |
| Nickel refinery dust from the pyrometallurgical process                                | ---      | October 1, 1987 |
| Nickel subsulfide  | 12035722 | October 1, 1987 |
| N-Nitrosodiethylamine  | 55185    | October 1, 1987 |
| N-Nitrosodimethylamine   | 62759    | October 1, 1987 |
| N-Nitrosodi-n-butylamine   | 924163   | October 1, 1987 |
| N-Nitroso-N-ethylurea  | 759739   | October 1, 1987 |
| N-Nitroso-N-methylurea   | 684935   | October 1, 1987 |
| N-Nitrosopyrrolidine   | 930552   | October 1, 1987 |
| 1,2-Dibromo-3-chloropropane (DBCP)   | 96128    | July 1, 1987    |



|  |          |                   |
|--|----------|-------------------|
| 2-Acetylaminofluorene  | 53963    | July 1, 1987      |
| 2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole  | 712685   | July 1, 1987      |
| 4,4'-Methylene bis(2-chloroaniline)  | 101144   | July 1, 1987      |
| Acrylonitrile  | 107131   | July 1, 1987      |
| Adriamycin (Doxorubicin hydrochloride)   | 23214928 | July 1, 1987      |
| AF-2;[2-(2-furyl)-3-(5-nitro-2-furyl)]acrylamide                                       | 3688537  | July 1, 1987      |
| Amitrole   | 61825    | July 1, 1987      |
| Aramite  | 140578   | July 1, 1987      |
| Auramine   | 492808   | July 1, 1987      |
| Azaserine  | 115026   | July 1, 1987      |
| Benz[a]anthracene  | 56553    | July 1, 1987      |
| Benzo[a]pyrene   | 50328    | July 1, 1987      |
| Benzo[b]fluoranthene   | 205992   | July 1, 1987      |
| Benzo[j]fluoranthene   | 205823   | July 1, 1987      |
| Benzo[k]fluoranthene   | 207089   | July 1, 1987      |
| Benzotrichloride   | 98077    | July 1, 1987      |
| Benzyl violet 4B   | 1694093  | July 1, 1987      |
| beta-Butyrolactone   | 3068880  | July 1, 1987      |
| Bischloroethyl nitrosourea (BCNU) (Carmustine)   | 154938   | July 1, 1987      |
| Ethylene dibromide   | 106934   | July 1, 1987      |
| Ethylene oxide   | 75218    | July 1, 1987      |
| ortho-Aminoazotoluene  | 97563    | July 1, 1987      |
| ortho-Anisidine  | 90040    | July 1, 1987      |
| ortho-Anisidine hydrochloride  | 134292   | July 1, 1987      |
| 1,4-Butanediol dimethanesulfonate (Busulfan)   | 55981    | February 27, 1987 |
| 2-Naphthylamine  | 91598    | February 27, 1987 |
| 4-Aminobiphenyl (4-aminodiphenyl)  | 92671    | February 27, 1987 |
| 8-Methoxypsoralen with ultraviolet A therapy   | 298817   | February 27, 1987 |
| Analgesic mixtures containing phenacetin   | ---      | February 27, 1987 |
| Arsenic (inorganic arsenic compounds)  | ---      | February 27, 1987 |
| Asbestos   | 1332214  | February 27, 1987 |
| Azathioprine   | 446866   | February 27, 1987 |
| Benzene  | 71432    | February 27, 1987 |
| Benidine [and its salts]   | 92875    | February 27, 1987 |
| Bis(chloromethyl)ether   | 542881   | February 27, 1987 |
| Certain combined chemotherapy for lymphomas  | ---      | February 27, 1987 |
| Chlorambucil   | 305033   | February 27, 1987 |
| Chloromethyl methyl ether (technical grade)  | 107302   | February 27, 1987 |
| Chromium (hexavalent compounds)  | ---      | February 27, 1987 |
| Coke oven emissions  | ---      | February 27, 1987 |
| Conjugated estrogens   | ---      | February 27, 1987 |
| Cyclophosphamide (anhydrous)   | 50180    | February 27, 1987 |
| Cyclophosphamide (hydrated)  | 6055192  | February 27, 1987 |
| Diethylstilbestrol (DES)   | 56531    | February 27, 1987 |
| Melphalan  | 148823   | February 27, 1987 |
| Mustard Gas  | 505602   | February 27, 1987 |
| N,N-Bis(2-chloroethyl)-2-naphthylamine (Chlornapazine)                                 | 494031   | February 27, 1987 |
| Soots, tars, and mineral oils (untreated and mildly treated oils and used engine oils) | ---      | February 27, 1987 |
| Thorium dioxide  | 1314201  | February 27, 1987 |
| Treosulfan   | 299752   | February 27, 1987 |
| Vinyl chloride   | 75014    | February 27, 1987 |

CHEMICALS KNOWN TO THE STATE TO CAUSE REPRODUCTIVE TOXICITY

# Developmental toxicity

|                                   |           |                  |
|-----------------------------------|-----------|------------------|
| Methazole                         | 20354261  | December 1, 1999 |
| Tributyltin methacrylate          | 2155706   | December 1, 1999 |
| Acetazolamide                     | 59665     | August 20, 1999  |
| Altretamine                       | 645056    | August 20, 1999  |
| Etodolac                          | 41340254  | August 20, 1999  |
| Flurbiprofen                      | 5104494   | August 20, 1999  |
| Halobetasol propionate            | 66852548  | August 20, 1999  |
| Heptachlor                        | 76448     | August 20, 1999  |
| Idarubicin hydrochloride          | 57852570  | August 20, 1999  |
| Mebendazole                       | 31431397  | August 20, 1999  |
| Pimozide                          | 2062784   | August 20, 1999  |
| Prednisolone sodium phosphate     | 125020    | August 20, 1999  |
| Sermorelin acetate                | ---       | August 20, 1999  |
| Streptozocin (streptozotocin)     | 18883664  | August 20, 1999  |
| 2,4-D butyric acid                | 94826     | June 18, 1999    |
| Triforine                         | 26644462  | June 18, 1999    |
|                                   | 37273840  |                  |
| Propargite                        | 2312358   | June 15, 1999    |
| Bromacil lithium salt             | 53404196  | May 18, 1999     |
| Bromoxynil octanoate              | 1689992   | May 18, 1999     |
| Terbacil                          | 5902512   | May 18, 1999     |
| Chlorsulfuron                     | 64902723  | May 14, 1999     |
| 2,4-DP (dichloroprop)             | 120365    | April 27, 1999   |
| Dichlorophene                     | 97234     | April 27, 1999   |
| Ethyl dipropylthiocarbamate       | 759944    | April 27, 1999   |
| Myclobutanil                      | 88671890  | April 16, 1999   |
| Amitraz                           | 33089611  | March 30, 1999   |
| Disodium cyanodithiomidocarbonate | 138932    | March 30, 1999   |
| Metiram                           | 9006422   | March 30, 1999   |
| Nabam                             | 142596    | March 30, 1999   |
| Nitrapyrin                        | 1929824   | March 30, 1999   |
| Potassium dimethyldithiocarbamate | 128030    | March 30 1999    |
| Sodium dimethyldithiocarbamate    | 128041    | March 30 1999    |
| Triadimefon                       | 43121433  | March 30, 1999   |
| Fenoxaprop ethyl                  | 66441234  | March 26, 1999   |
| Cycloate                          | 1134232   | March 19, 1999   |
| Linuron                           | 330552    | March 19, 1999   |
| Diclofop methyl                   | 51338273  | March 5, 1999    |
| Hydramethylnon                    | 67485294  | March 5, 1999    |
| Auranofin                         | 34031328  | January 29, 1999 |
| Carbamazepine                     | 298464    | January 29, 1999 |
| Cidofovir                         | 113852372 | January 29, 1999 |
| Dacarbazine                       | 4342034   | January 29, 1999 |
| Diflunisal                        | 22494424  | January 29, 1999 |
| Doxorubicin hydrochloride         | 23214928  | January 29, 1999 |
| Haloperidol                       | 52868     | January 29, 1999 |
| Levodopa                          | 59927     | January 29, 1999 |
| Nifedipine                        | 21829254  | January 29, 1999 |
| Pyrimethamine                     | 58140     | January 29, 1999 |
| Sulindac                          | 38194502  | January 29, 1999 |
| Chinomethionat (Oxythioquinox)    | 2439012   | November 6, 1998 |

|  |          |                   |
|--|----------|-------------------|
| Fluazifop butyl                                | 69806504 | November 6, 1998  |
| Fluvalinate                                    | 69409945 | November 6, 1998  |
| Resmethrin                                     | 10453868 | November 6, 1998  |
| Amoxapine                                      | 14028445 | May 15, 1998      |
| Beclomethasone dipropionate                    | 5534098  | May 15, 1998      |
| Clobetasol propionate                          | 25122467 | May 15, 1998      |
| Codeine phosphate                              | 52288    | May 15, 1998      |
| Endrin   | 72208    | May 15, 1998      |
| Ethylene dibromide                             | 106934   | May 15, 1998      |
| Flunisolid                                     | 3385033  | May 15, 1998      |
| Fluticasone propionate                         | 80474142 | May 15, 1998      |
| Histrelin acetate                              | ---      | May 15, 1998      |
| Metham sodium                                  | 137428   | May 15, 1998      |
| o,p' -DDT                                      | 789026   | May 15, 1998      |
| Oxadiazon                                      | 19666309 | May 15, 1998      |
| p,p' -DDT                                      | 50293    | May 15, 1998      |
| Vinclozolin                                    | 50471448 | May 15, 1998      |
| Benzene  | 71432    | December 26, 1997 |
| Amiodarone hydrochloride                       | 19774824 | August 26, 1997   |
| Atenolol                                       | 29122687 | August 26, 1997   |
| Estropipate                                    | 7280377  | August 26, 1997   |
| Ethionamide                                    | 536334   | August 26, 1997   |
| Ganciclovir sodium                             | 82410320 | August 26, 1997   |
| Goserelin acetate                              | 65807025 | August 26, 1997   |
| Leuprolide acetate                             | 74381536 | August 26, 1997   |
| Paclitaxel                                     | 33069624 | August 26, 1997   |
| Quazepam                                       | 36735225 | August 26, 1997   |
| Trimetrexate glucuronate                       | 82952645 | August 26, 1997   |
| Arsenic (inorganic oxides)                     | ---      | May 1, 1997       |
| Cadmium  | ---      | May 1, 1997       |
| Clarithromycin                                 | 81103119 | May 1, 1997       |
| Dihydroergotamine mesylate                     | 6190392  | May 1, 1997       |
| Hydroxyurea                                    | 127071   | May 1, 1997       |
| Oxymetholone                                   | 434071   | May 1, 1997       |
| Azathioprine                                   | 446866   | September 1, 1996 |
| Cladribine                                     | 4291638  | September 1, 1996 |
| Halothane                                      | 151677   | September 1, 1996 |
| Nickel carbonyl                                | 13463393 | September 1, 1996 |
| Pentostatin                                    | 53910251 | September 1, 1996 |
| Teniposide                                     | 29767202 | September 1, 1996 |
| Polybrominated biphenyls                       | ---      | October 1, 1994   |
| Urethane                                       | 51796    | October 1, 1994   |
| Ethylene glycol monoethyl ether acetate        | 111159   | January 1, 1993   |
| Ethylene glycol monomethyl ether acetate       | 110496   | January 1, 1993   |
| Ethylene thiourea                              | 96457    | January 1, 1993   |
| Methyl bromide as a structural fumigant        | 74839    | January 1, 1993   |
| Actinomycin D                                  | 50760    | October 1, 1992   |
| Aminoglycosides                                | ---      | October 1, 1992   |
| Angiotensin converting enzyme (ACE) inhibitors | ---      | October 1, 1992   |
| Anisindione                                    | 117373   | October 1, 1992   |
| Barbiturates                                   | ---      | October 1, 1992   |
| Benzodiazepines                                | ---      | October 1, 1992   |
| Butabarbital sodium                            | 143817   | October 1, 1992   |

|   |          |                 |
|---|----------|-----------------|
| Clorazepate dipotassium   | 57109907 | October 1, 1992 |
| Colchicine  | 64868    | October 1, 1992 |
| Dicumarol   | 66762    | October 1, 1992 |
| Flurazepam hydrochloride  | 1172185  | October 1, 1992 |
| Lovastatin  | 75330755 | October 1, 1992 |
| Neomycin sulfate (internal use)   | 1405103  | October 1, 1992 |
| Oxazepam  | 604751   | October 1, 1992 |
| Phenprocoumon   | 435972   | October 1, 1992 |
| Secobarbital sodium   | 309433   | October 1, 1992 |
| Tetracyclines (internal use)  | ---      | October 1, 1992 |
| Chlordiazepoxide  | 58253    | January 1, 1992 |
| Chlordiazepoxide hydrochloride  | 438415   | January 1, 1992 |
| Demeclocycline hydrochloride (internal use)   | 64733    | January 1, 1992 |
| Diazepam  | 439145   | January 1, 1992 |
| Doxycycline calcium (internal use)  | 94088854 | January 1, 1992 |
| Meprobamate   | 57534    | January 1, 1992 |
| Minocycline hydrochloride (internal use)  | 13614987 | January 1, 1992 |
| Uracil mustard  | 66751    | January 1, 1992 |
| Doxycycline hyclate (internal use)  | 24390145 | October 1, 1991 |
| Doxycycline monohydrate (internal use)  | 17086281 | October 1, 1991 |
| Norethisterone acetate (Norethindrone acetate)  | 51989    | October 1, 1991 |
| Oxytetracycline hydrochloride (internal use)  | 2058460  | October 1, 1991 |
| Testosterone cypionate  | 58208    | October 1, 1991 |
| Tetracycline (internal use)   | 60548    | October 1, 1991 |
| Benomyl   | 17804352 | July 1, 1991    |
| 2,3,7,8-Tetrachlorodibenzo-para-dioxin (TCDD)   | 1746016  | April 1, 1991   |
| Lithium carbonate   | 554132   | January 1, 1991 |
| Lithium citrate   | 919164   | January 1, 1991 |
| Megestrol acetate   | 595335   | January 1, 1991 |
| Methacycline hydrochloride  | 3963959  | January 1, 1991 |
| Oxytetracycline (internal use)  | 79572    | January 1, 1991 |
| Penicillamine   | 52675    | January 1, 1991 |
| Polychlorinated biphenyls   | ---      | January 1, 1991 |
| Streptomycin sulfate  | 3810740  | January 1, 1991 |
| Tetracycline hydrochloride (internal use)   | 64755    | January 1, 1991 |
| Toluene   | 108883   | January 1, 1991 |
| Trimethadione   | 127480   | January 1, 1991 |
| Bromoxynil  | 1689845  | October 1, 1990 |
| 1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU) (Lomustine)   | 13010474 | July 1, 1990    |
| Alprazolam  | 28981977 | July 1, 1990    |
| Amikacin sulfate  | 39831555 | July 1, 1990    |
| Aminoglutethimide   | 125848   | July 1, 1990    |
| Aspirin (NOTE: It is especially important not to use aspirin during the last three months of pregnancy, unless specifically directed to do so by a physician because it may cause problems in the unborn child or complications during delivery.) | 50782    | July 1, 1990    |
| Bischloroethyl nitrosourea (BCNU) (Carmustine)  | 154938   | July 1, 1990    |
| Carboplatin   | 41575944 | July 1, 1990    |
| Daunorubicin hydrochloride  | 23541506 | July 1, 1990    |
| Doxycycline (internal use)  | 564250   | July 1, 1990    |
| Etoposide   | 33419420 | July 1, 1990    |
| Flutamide   | 13311847 | July 1, 1990    |
| Halazepam   | 23092173 | July 1, 1990    |
| Ifosfamide  | 3778732  | July 1, 1990    |

|   |             |               |
|---|-------------|---------------|
| Lorazepam   | 846491      | July 1, 1990  |
| Melphalan   | 148823      | July 1, 1990  |
| Mercaptopurine  | 6112761     | July 1, 1990  |
| Mercury and mercury compounds   | ---         | July 1, 1990  |
| Methimazole   | 60560       | July 1, 1990  |
| Midazolam hydrochloride   | 59467968    | July 1, 1990  |
| Mitoxantrone hydrochloride  | 70476823    | July 1, 1990  |
| Netilmicin sulfate  | 56391572    | July 1, 1990  |
| Nitrogen mustard hydrochloride (Mechlorethamine hydrochloride)  | 55867       | July 1, 1990  |
| Paramethadione  | 115673      | July 1, 1990  |
| Pentobarbital sodium  | 57330       | July 1, 1990  |
| Phenacemide   | 63989       | July 1, 1990  |
| Pipobroman  | 54911       | July 1, 1990  |
| Procarbazine hydrochloride  | 366701      | July 1, 1990  |
| Propylthiouracil  | 51525       | July 1, 1990  |
| Tamoxifen citrate   | 54965241    | July 1, 1990  |
| Thioguanine   | 154427      | July 1, 1990  |
| Tobramycin sulfate  | 49842071    | July 1, 1990  |
| Vinblastine sulfate   | 143679      | July 1, 1990  |
| Vincristine sulfate   | 2068782     | July 1, 1990  |
| Acetohydroxamic acid  | 546883      | April 1, 1990 |
| Benzphetamine hydrochloride   | 5411223     | April 1, 1990 |
| Chenodiol   | 474259      | April 1, 1990 |
| Clomiphene citrate  | 50419       | April 1, 1990 |
| Conjugated estrogens  | ---         | April 1, 1990 |
| Cyanazine   | 21725462    | April 1, 1990 |
| Danazol   | 17230885    | April 1, 1990 |
| Dinocap   | 39300453    | April 1, 1990 |
| Ergotamine tartrate   | 379793      | April 1, 1990 |
| Fluoxymesterone   | 76437       | April 1, 1990 |
| Medroxyprogesterone acetate   | 71589       | April 1, 1990 |
| Menotropins   | 9002680     | April 1, 1990 |
| Methotrexate sodium   | 15475566    | April 1, 1990 |
| Methyltestosterone  | 58184       | April 1, 1990 |
| Misoprostol   | 59122462    | April 1, 1990 |
| Nafarelin acetate   | 86220420    | April 1, 1990 |
| Nicotine  | 54115       | April 1, 1990 |
| Norethisterone (Norethindrone)  | 68224       | April 1, 1990 |
| Norethisterone (Norethindrone)/Ethinyl estradiol  | 68224/57636 | April 1, 1990 |
| Norethisterone (Norethindrone)/Mestranol  | 68224/72333 | April 1, 1990 |
| Norgestrel  | 6533002     | April 1, 1990 |
| Plicamycin  | 18378897    | April 1, 1990 |
| Ribavirin   | 36791045    | April 1, 1990 |
| Temazepam   | 846504      | April 1, 1990 |
| Testosterone enanthate  | 315377      | April 1, 1990 |
| Triazolam   | 28911015    | April 1, 1990 |
| Trilostane  | 13647353    | April 1, 1990 |
| Urofollitropin  | 26995915    | April 1, 1990 |
| Carbon disulfide  | 75150       | July 1, 1989  |
| Carbon monoxide   | 630080      | July 1, 1989  |
| Cocaine   | 50362       | July 1, 1989  |
| Retinol/retinyl esters, when in daily dosages in excess of 10,000 IU, or 3,000 retinol equivalents. (NOTE: Retinol/retinyl esters are required and essential for maintenance of normal reproductive function. The recommended daily level | ---         | July 1, 1989  |

|  |          |                   |
|--|----------|-------------------|
| during pregnancy is 8,000 IU.)               |          |                   |
| 1,4-Butanediol dimethanesulfonate (Busulfan) | 55981    | January 1, 1989   |
| All-trans retinoic acid                      | 302794   | January 1, 1989   |
| Chlorambucil                                 | 305033   | January 1, 1989   |
| Chlordecone (Kepone)                         | 143500   | January 1, 1989   |
| Cycloheximide                                | 66819    | January 1, 1989   |
| Cyclophosphamide (anhydrous)                 | 50180    | January 1, 1989   |
| Cyclophosphamide (hydrated)                  | 6055192  | January 1, 1989   |
| Cyhexatin                                    | 13121705 | January 1, 1989   |
| Cytarabine                                   | 147944   | January 1, 1989   |
| Dinoseb                                      | 88857    | January 1, 1989   |
| Ethylene glycol monoethyl ether              | 110805   | January 1, 1989   |
| Ethylene glycol monomethyl ether             | 109864   | January 1, 1989   |
| Fluorouracil                                 | 51218    | January 1, 1989   |
| Hexachlorobenzene                            | 118741   | January 1, 1989   |
| Iodine-131                                   | 10043660 | January 1, 1989   |
| Methotrexate                                 | 59052    | January 1, 1989   |
| Nitrogen mustard (Mechlorethamine)           | 51752    | January 1, 1989   |
| Tobacco smoke (primary)                      | ---      | April 1, 1988     |
| Ethyl alcohol in alcoholic beverages         | ---      | October 1, 1987   |
| Aminopterin                                  | 54626    | July 1, 1987      |
| Chlorcyclizine hydrochloride                 | 1620219  | July 1, 1987      |
| Diethylstilbestrol (DES)                     | 56531    | July 1, 1987      |
| Diphenylhydantoin (Phenytoin)                | 57410    | July 1, 1987      |
| Etretinate                                   | 54350480 | July 1, 1987      |
| Isotretinoin                                 | 4759482  | July 1, 1987      |
| Methyl mercury                               | ---      | July 1, 1987      |
| Thalidomide                                  | 50351    | July 1, 1987      |
| Valproate (Valproic acid)                    | 99661    | July 1, 1987      |
| Warfarin                                     | 81812    | July 1, 1987      |
| Lead   | ---      | February 27, 1987 |

#### Female reproductive toxicity

|                                  |           |                  |
|----------------------------------|-----------|------------------|
| Dinitrotoluene (technical grade) | ---       | August 20, 1999  |
| Etodolac                         | 41340254  | August 20, 1999  |
| Flurbiprofen                     | 5104494   | August 20, 1999  |
| Gemfibrozil                      | 25812300  | August 20, 1999  |
| Pimozide                         | 2062784   | August 20, 1999  |
| Streptozocin (streptozotocin)    | 18883664  | August 20, 1999  |
| Thiophanate methyl               | 23564058  | May 18, 1999     |
| Chlorsulfuron                    | 64902723  | May 14, 1999     |
| Triadimefon                      | 43121433  | March 30, 1999   |
| Cidofovir                        | 113852372 | January 29, 1999 |
| Diffunisal                       | 22494424  | January 29, 1999 |
| Haloperidol                      | 52868     | January 29, 1999 |
| Nifedipine                       | 21829254  | January 29, 1999 |
| Sulindac                         | 38194502  | January 29, 1999 |
| Oxydemeton methyl                | 301122    | November 6, 1998 |
| Clobetasol propionate            | 25122467  | May 15, 1998     |
| Flunisolide                      | 3385033   | May 15, 1998     |
| Levonorgestrel implants          | 797637    | May 15, 1998     |
| o,p' -DDT                        | 789026    | May 15, 1998     |

|   |          |                   |
|---|----------|-------------------|
| p,p' -DDT   | 50293    | May 15, 1998      |
| Amiodarone hydrochloride  | 19774824 | August 26, 1997   |
| Goserelin acetate   | 65807025 | August 26, 1997   |
| Leuprolide acetate  | 74381536 | August 26, 1997   |
| Paclitaxel  | 33069624 | August 26, 1997   |
| Uracil mustard  | 66751    | January 1, 1992   |
| Aspirin (NOTE: It is especially important not to use aspirin during the last three months of pregnancy, unless specifically directed to do so by a physician because it may cause problems in the unborn child or complications during delivery.) | 50782    | July 1, 1990      |
| Anabolic steroids   | ---      | April 1, 1990     |
| Carbon disulfide  | 75150    | July 1, 1989      |
| Cocaine   | 50362    | July 1, 1989      |
| Cyclophosphamide (anhydrous)  | 50180    | January 1, 1989   |
| Cyclophosphamide (hydrated)   | 6055192  | January 1, 1989   |
| Tobacco smoke (primary)   | ---      | April 1, 1988     |
| Aminopterin   | 54626    | July 1, 1987      |
| Ethylene oxide  | 75218    | February 27, 1987 |
| Lead  | ---      | February 27, 1987 |

#### Male reproductive toxicity

|                                  |                          |                                   |
|----------------------------------|--------------------------|-----------------------------------|
| <a href="#">Quizalofop-ethyl</a> | <a href="#">76578148</a> | <a href="#">December 24, 1999</a> |
| 2,4-Dinitrotoluene               | 121142                   | August 20, 1999                   |
| 2,6-Dinitrotoluene               | 606202                   | August 20, 1999                   |
| Altretamine                      | 645056                   | August 20, 1999                   |
| Dinitrotoluene (technical grade) | ---                      | August 20, 1999                   |
| Gemfibrozil                      | 25812300                 | August 20, 1999                   |
| Idarubicin hydrochloride         | 57852570                 | August 20, 1999                   |
| Streptozocin (streptozotocin)    | 18883664                 | August 20, 1999                   |
| 2,4-D butyric acid               | 94826                    | June 18, 1999                     |
| Thiophanate methyl               | 23564058                 | May 18, 1999                      |
| Chlorsulfuron                    | 64902723                 | May 14, 1999                      |
| Myclobutanil                     | 88671890                 | April 16, 1999                    |
| Triadimefon                      | 43121433                 | March 30, 1999                    |
| Hydramethylnon                   | 67485294                 | March 5, 1999                     |
| Cidofovir                        | 113852372                | January 29, 1999                  |
| Doxorubicin hydrochloride        | 23214928                 | January 29, 1999                  |
| Nifedipine                       | 21829254                 | January 29, 1999                  |
| Sulfasalazine                    | 599791                   | January 29, 1999                  |
| Cyclohexanol                     | 108930                   | November 6, 1998                  |
| Oxydemeton methyl                | 301122                   | November 6, 1998                  |
| Sodium fluoroacetate             | 62748                    | November 6, 1998                  |
| Ethylene dibromide               | 106934                   | May 15, 1998                      |
| o,p' -DDT                        | 789026                   | May 15, 1998                      |
| p,p' -DDT                        | 50293                    | May 15, 1998                      |
| Benzene                          | 71432                    | December 26, 1997                 |
| Amiodarone hydrochloride         | 19774824                 | August 26, 1997                   |
| Ganciclovir sodium               | 82410320                 | August 26, 1997                   |
| Goserelin acetate                | 65807025                 | August 26, 1997                   |
| Leuprolide acetate               | 74381536                 | August 26, 1997                   |
| Paclitaxel                       | 33069624                 | August 26, 1997                   |
| Cadmium                          | ---                      | May 1, 1997                       |

|  |          |                   |
|--|----------|-------------------|
| Epichlorohydrin                          | 106898   | September 1, 1996 |
| Hexamethylphosphoramide                  | 680319   | October 1, 1994   |
| Ethylene glycol monoethyl ether acetate  | 111159   | January 1, 1993   |
| Ethylene glycol monomethyl ether acetate | 110496   | January 1, 1993   |
| Colchicine                               | 64868    | October 1, 1992   |
| Uracil mustard                           | 66751    | January 1, 1992   |
| Benomyl                                  | 17804352 | July 1, 1991      |
| Nitrofurantoin                           | 67209    | April 1, 1991     |
| m-Dinitrobenzene                         | 99650    | July 1, 1990      |
| o-Dinitrobenzene                         | 528290   | July 1, 1990      |
| p-Dinitrobenzene                         | 100254   | July 1, 1990      |
| Anabolic steroids                        | ---      | April 1, 1990     |
| Carbon disulfide                         | 75150    | July 1, 1989      |
| Cyclophosphamide (anhydrous)             | 50180    | January 1, 1989   |
| Cyclophosphamide (hydrated)              | 6055192  | January 1, 1989   |
| Dinoseb                                  | 88857    | January 1, 1989   |
| Ethylene glycol monoethyl ether          | 110805   | January 1, 1989   |
| Ethylene glycol monomethyl ether         | 109864   | January 1, 1989   |
| Tobacco smoke (primary)                  | ---      | April 1, 1988     |
| 1,2-Dibromo-3-chloropropane (DBCP)       | 96128    | February 27, 1987 |
| Lead                                     | ---      | February 27, 1987 |

Date: December 24, 1999